

IN THE CLAIMS

This listing of claims replaces all prior versions, and listings, of the claims herein:

1. (presently amended) A drink dispensing system comprising
a carbonated water recirculation circuit;
a bar gun in fluid communication with the carbonated water recirculation circuit;
a circulation pump capable of inducing circulation in the carbonated water
recirculation circuit;

an ice storage bin including heat transfer coils therein and in the carbonated
water recirculation circuit.

2. (presently amended) The drink dispensing system of claim 1 further
comprising

a bundle of supply tubes extending to the bar gun and including a supply line and
a return line in the carbonated water recirculation circuit, the bar gun being in fluid
communication with the carbonated water recirculation circuit through the supply line
and the return line.

3. (presently amended) The drink dispensing system of claim 1 further
comprising

a bundle of supply tubes extending to the bar gun including a supply line, the bar
gun being in fluid communication with the carbonated water recirculation circuit solely
through the supply line.

4. (presently amended) The drink dispensing system of claim 1 further
comprising

a carbonator in fluid communication with the carbonated water recirculation circuit.

5. (presently amended) A drink dispensing system comprising a carbonated water recirculation circuit; a bar gun in fluid communication with the carbonated water recirculation circuit; a circulation pump capable of inducing circulation in the carbonated water recirculation circuit;

an ice storage bin including heat transfer coils therein and in the carbonated water recirculation circuit;

a carbonator in fluid communication with the carbonated water recirculation circuit, the bar gun being in continuous fluid communication with the carbonator through the heat transfer coils.

6. (original) The drink dispensing system of claim 5, the circulation pump inducing flow from fluid communication with the bar gun toward fluid communication with the carbonator.

7. (presently amended) The drink dispensing system of claim 6, the carbonated water recirculation circuit including a section in fluid communication with the bar gun at a first end and in fluid communication with the carbonator at a second end, the circulation pump being in the section.

8. (presently amended) The drink dispensing system of claim 7, the carbonator being in the carbonated water recirculation circuit between the circulation pump and the heat transfer coils.

9. (presently amended) A drink dispensing system comprising

a carbonated water recirculation circuit;

a bar gun in fluid communication with the carbonated water recirculation circuit;

a circulation pump capable of inducing circulation in the carbonated water recirculation circuit;

an ice storage bin including heat transfer coils therein and in the carbonated water recirculation circuit;

a carbonator in fluid communication with the carbonated water recirculation circuit, the circulation pump being in the carbonated water recirculation circuit inducing flow from the heat transfer coils toward fluid communication with the bar gun.

10. (original) The drink dispensing system of claim 9 further comprising

a check valve between fluid communication with the bar gun and fluid communication with the carbonator allowing flow only toward communication with the carbonator from fluid communication with the bar gun.

11. (presently amended) A method for supplying carbonated beverages comprising

supplying ice to an ice a cold plate;

circulating carbonated water through a closed carbonated water circuit having coils in the ice cold plate and being coupled with a dispenser valve including running recirculation of the carbonated water through the coils in the ice cold plate in the closed carbonated water circuit until the carbonated water at both to and from the coupling with the dispenser valve in the closed circuit is 33°F or below.

12. (presently amended) A The method for supplying carbonated beverages of claim 11 further comprising

~~supplying ice to an ice plate;~~

~~circulating carbonated water through a closed carbonated water circuit having coils in the ice plate and a carbonator and coupled with a dispenser valve including running the carbonated water through the carbonator in the closed carbonated water circuit and through the coils in the ice plate in the closed carbonated water circuit until the carbonated water at the dispenser valve is 33°F or below;~~

opening the dispenser valve to dispense beverage, the closed carbonated water circuit further having a carbonator, circulating carbonated water through the closed carbonated water circuit further including recirculation of the carbonated water through the carbonator.

13. (new) The method for supplying carbonated beverages of claim 11, the dispenser valve being in a bar gun.

14. (new) The method for supplying carbonated beverages of claim 11, circulating carbonated water being at less than 35 gal./hr.

15. (new) The method for supplying carbonated beverages of claim 11, circulating carbonated water being at about 15 gal./hr.

16. (new) A method for supplying carbonated beverages comprising supplying ice to a cold plate; circulating carbonated water through a closed carbonated water circuit having coils in the cold plate and being in fluid communication through a junction in the closed circuit with a bar gun having one or more dispenser valves, including recirculation of the carbonated water through the coils in the cold plate in the closed circuit until the carbonated water both to and from the junction in the closed circuit is 33°F or below.

17. (new) The method for supplying carbonated beverages of claim 16 further comprising

opening one of the one or more dispenser valves to dispense beverage, the closed carbonated water circuit further having a carbonator, circulating carbonated water through the closed carbonated water circuit further including recirculation of the carbonated water through the carbonator.

18. (new) The method for supplying carbonated beverages of claim 16, circulating carbonated water further including recirculation of the carbonated water through a tube bundle of the bar gun to and from the junction.

19. (new) The method for supplying carbonated beverages of claim 16 further comprising

dispensing carbonated water from the bar gun including recirculation of carbonated water through a supply line in a tube bundle from the junction to the bar gun.

20. (new) The method for supplying carbonated beverages of claim 16, circulating carbonated water being at less than 35 gal./hr.

21. (new) The method for supplying carbonated beverages of claim 16, circulating carbonated water being at about 15 gal./hr.

22. (new) The drink dispensing system of claim 1, the ice storage bin further including a cold plate, the heat transfer coils being in the cold plate.

23. (new) The drink dispensing system of claim 1, the circulation pump being less than a 35 gal./hr. pump.

24. (new) The drink dispensing system of claim 23, the circulation pump being a 15 gal./hr. pump.
25. (new) The drink dispensing system of claim 5, the ice storage bin further including a cold plate, the heat transfer coils being in the cold plate.
26. (new) The drink dispensing system of claim 5, the circulation pump being less than a 35 gal./hr. pump.
27. (new) The drink dispensing system of claim 26, the circulation pump being a 15 gal./hr. pump.
28. (new) The drink dispensing system of claim 9, the ice storage bin further including a cold plate, the heat transfer coils being in the cold plate.
29. (new) The drink dispensing system of claim 9, the circulation pump being less than a 35 gal./hr. pump.
30. (new) The drink dispensing system of claim 29, the circulation pump being a 15 gal./hr. pump.